Steven N Handel

List of Publications by Year
in descending order

48 papers	3,058 citations	159585 30 h-index	254184 43 g-index
48 all docs	48 docs citations	48 times ranked	2463 citing authors

#	Article	IF	Citations
1	Natural regeneration in urban forests is limited by early‐establishment dynamics: implications for management. Ecological Applications, 2021, 31, e02255.	3.8	17
2	Plants in the city: understanding recruitment dynamics in urban landscapes. Frontiers in Ecology and the Environment, 2019, 17, 455-463.	4.0	43
3	Management intensity steers the long-term fate of ecological restoration in urban woodlands. Urban Forestry and Urban Greening, 2019, 41, 85-92.	5.3	13
4	Urban tinkering. Sustainability Science, 2018, 13, 1549-1564.	4.9	40
5	Resilience and Coastal Ecosystems: Three Typologies, Three Design Approaches. , 2018, , 195-208.		0
6	Corolla size and temporal displacement of flowering times among sympatric diploid and tetraploid highbush blueberry (Vaccinium corymbosum). Botany, 2017, 95, 395-404.	1.0	3
7	The shore is wider than the beach: Ecological planning solutions to sea level rise for the Jersey Shore, USA. Landscape and Urban Planning, 2017, 157, 512-522.	7.5	21
8	A long‐term evaluation of applied nucleation as a strategy to facilitate forest restoration. Ecological Applications, 2016, 26, 104-114.	3.8	31
9	Restoration treatments in urban park forests drive long‐term changes in vegetation trajectories. Ecological Applications, 2016, 26, 940-956.	3.8	47
10	A long-term evaluation of applied nucleation as a strategy to facilitate forest restoration. , 2015, , 150527150908005.		1
11	Urbanization promotes non-native woody species and diverse plant assemblages in the New York metropolitan region. Urban Ecosystems, 2015, 18, 31-45.	2.4	173
12	Restoration Ecology in an Urbanizing World. , 2013, , 665-698.		9
13	Acer rubrum (red maple) growth is negatively affected by soil from forest stands dominated by its invasive congener (Acer platanoides, Norway maple). Plant Ecology, 2012, 213, 77-88.	1.6	4
14	Deer and Invasive Plant Species Suppress Forest Herbaceous Communities and Canopy Tree Regeneration. Natural Areas Journal, 2011, 31, 400-407.	0.5	52
15	Restoring Beaches for Atlantic Coast Piping Plovers (Charadrius melodus): A Classification and Regression Tree Analysis of Nest‐Site Selection. Restoration Ecology, 2011, 19, 194-203.	2.9	40
16	Quercus rubra-associated ectomycorrhizal fungal communities of disturbed urban sites and mature forests. Mycorrhiza, 2011, 21, 537-547.	2.8	38
17	InvasiveAcer platanoidesinhibits native sapling growth in forest understorey communities. Journal of Ecology, 2008, 96, 293-302.	4.0	35
18	Fruit type, life form and origin determine the success of woody plant invaders in an urban landscape. Biological Invasions, 2007, 9, 465-475.	2.4	77

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19	Additive and nonadditive effects of herbivory and competition on tree seedling mortality, growth, and allocation. American Journal of Botany, 2000, 87, 1821-1826.	1.7	41
20	DIRECTING SPATIAL PATTERNS OF RECRUITMENT DURING AN EXPERIMENTAL URBAN WOODLAND RECLAMATION. , 2000, 10, 174-188.		92
21	Jumping spiders (Salticidae) enhance the seed production of a plant with extrafloral nectaries. Oecologia, 1999, 119, 227-230.	2.0	91
22	Vertical Growth and Mycorrhizal Infection of Woody Plant Roots as Potential Limits to the Restoration of Woodlands on Landfills. Restoration Ecology, 1998, 6, 280-289.	2.9	13
23	Restoration Biolog y: A Population Biolog y Perspective. Restoration Ecology, 1997, 5, 277-290.	2.9	241
24	Restoration of Woody Plants to Capped Landfills: Root Dynamics in an Engineered Soil. Restoration Ecology, 1997, 5, 178-186.	2.9	47
25	Freshwater wetland restoration of an abandoned sand mine: Seed bank recruitment dynamics and plant colonization. Wetlands, 1996, 16, 185-196.	1.5	44
26	Woody plant roots fail to penetrate a clay-lined landfill: Managment implications. Environmental Management, 1995, 19, 57-64.	2.7	21
27	A Century of Change in the Staten Island Flora: Ecological Correlates of Species Losses and Invasions. Bulletin of the Torrey Botanical Club, 1994, 121, 119.	0.6	98
28	Biodiversity Resources for Restoration Ecology. Restoration Ecology, 1994, 2, 230-241.	2.9	42
29	Thynnine wasps discriminate among heights when seeking mates: tests with a sexually deceptive orchid. Oecologia, 1993, 95, 241-245.	2.0	28
30	Pollinators Discriminate among Floral Heights of a Sexually Deceptive Orchid: Implications for Selection. Evolution; International Journal of Organic Evolution, 1993, 47, 1681.	2.3	33
31	Forest Restoration on a Closed Landfill: Rapid Addition of New Species by Bird Dispersal. Conservation Biology, 1993, 7, 271-278.	4.7	162
32	POLLINATORS DISCRIMINATE AMONG FLORAL HEIGHTS OF A SEXUALLY DECEPTIVE ORCHID: IMPLICATIONS FOR SELECTION. Evolution; International Journal of Organic Evolution, 1993, 47, 1681-1687.	2.3	89
33	Survival, reproduction, and recruitment of woody plants after 14 years on a reforested landfill. Environmental Management, 1992, 16, 265-271.	2.7	25
34	Seed Dispersal by Ants. Scientific American, 1990, 263, 76-83A.	1.0	83
35	Constraints and Competition in the Evolution of Flowering Phenology. Ecological Monographs, 1986, 56, 303-325.	5.4	299
36	The Intrusion of Clonal Growth Patterns on Plant Breeding Systems. American Naturalist, 1985, 125, 367-384.	2.1	210

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37	TEMPORAL SHIFTS IN GENE FLOW AND SEED SET: EVIDENCE FROM AN EXPERIMENTAL POPULATION OF CUCUMIS SATIVUS. Evolution; International Journal of Organic Evolution, 1984, 38, 1350-1357.	2.3	45
38	Pollination Dynamics and Gene Flow in Cucumis melo (Cucurbitaceae). BioScience, 1983, 33, 193-194.	4.9	1
39	CONTRASTING GENE FLOW PATTERNS AND GENETIC SUBDIVISION IN ADJACENT POPULATIONS OF CUCUMIS SATIVUS (CUCURBITACEAE). Evolution; International Journal of Organic Evolution, 1983, 37, 760-771.	2.3	58
40	Pollination Ecology, Plant Population Structure, and Gene Flow. , 1983, , 163-211.		216
41	DYNAMICS OF GENE FLOW IN AN EXPERIMENTAL POPULATION OF CUCUMIS MELO (CUCURBITACEAE). American Journal of Botany, 1982, 69, 1538-1546.	1.7	37
42	Dynamics of Gene Flow in an Experimental Population of Cucumis melo (Cucurbitaceae). American Journal of Botany, 1982, 69, 1538.	1.7	31
43	Ants Disperse a Majority of Herbs in a Mesic Forest Community in New York State. Bulletin of the Torrey Botanical Club, 1981, 108, 430.	0.6	145
44	New ant-dispersed species in the genera Carex, Luzula, and Claytonia. Canadian Journal of Botany, 1978, 56, 2925-2927.	1.1	24
45	THE COMPETITIVE RELATIONSHIP OF THREE WOODLAND SEDGES AND ITS BEARING ON THE EVOLUTION OF ANT-DISPERSAL OF CAREX PEDUNCULATA. Evolution; International Journal of Organic Evolution, 1978, 32, 151-163.	2.3	54
46	DISPERSAL ECOLOGY OF CAREX PEDUNCULATA (CYPERACEAE), A NEW NORTH AMERICAN MYRMECOCHORE. American Journal of Botany, 1976, 63, 1071-1079.	1.7	53
47	Restricted pollen flow of two woodland herbs determined by neutron-activation analysis. Nature, 1976, 260, 422-423.	27.8	67
48	Dispersal Ecology of Carex pedunculata (Cyperaceae), a New North American Myrmecochore. American Journal of Botany, 1976, 63, 1071.	1.7	24